

Calcium Alginate (Jeltrate®) Mold Procedure

(To be taken after photographs)

- Always put the interest of the patient first. For example, if the wound is seriously undermined, it may not be advisable to do a Jeltrate mold, since it may be difficult to extract the mold without leaving bits of Jeltrate in the undermined areas.
- Wear latex gloves and follow universal precautions.
- If the wound is undermined so that taking a mold is not advisable, use a Q-tip to measure the depth of the wound. Report this reading under “nurse’s comments” in the Access database.
- Place the subject in the same position consistently throughout the study when making the mold.
- Position the patient with the index ulcer in a horizontal position, if possible, so that the alginate does not run out of the ulcer due to gravity.
- After appropriately positioning the subject, gently cleanse the wound with normal saline-soaked gauze prior to mixing the Jeltrate®.
- With a spatula, place one or more pre-measured amounts of Jeltrate® (depending on the size of the ulcer) in a bowl, using the amount of water specified on the carton.
- Use cool water to lengthen the setting time for larger wounds. Varying the temperature of the water regulates setting time.
- Quickly apply the Jeltrate® into the pressure ulcer while the compound is fairly fluid, using a spatula to smooth and contour the surface to match the surrounding anatomical surface.
- Once set (1 to 3 minutes), gently release the mold from the wound bed.
- Remove the mold and trim any overhanging edges, as excess Jeltrate® will increase the weight of the mold, thereby overestimating the volume of the wound.
- Clean any flakes of Jeltrate® that remain in the wound bed with saline-soaked gauze.
- The wound is now ready to be dressed.
- Once extracted, the mold should be rinsed and dried.
- Weigh the mold and convert the weight to a volume measurement using the attached conversion chart to convert the weight in grams to volume (mls). For example, if the mold weighs 33 grams the volume is 29 ml, according to the chart. You will enter 29 in the Access database in the Wound Data Tab under the Patient Visit Data Form.
- If the mold cannot be weighed immediately, place it in an airtight plastic bag (labeled with the subject ID and date) to prevent desiccation until the mold can be weighed.
- After weighing, the mold may be discarded.

Acculab V-400 (400 gram) Scale Operation

- Use with either a 9 volt Alkaline battery or AC adaptor as provided.
- Unplug AC adaptor when not in use for extended periods.
- Remove battery when scale is not used for extended periods.
- Handle battery lead wires with care.
- Calibrate scale before initial use and after unit has been moved or subjected to an extreme change in temperature.
- Calibration Procedure:
 1. After allowing unit to warm for thirty minutes in adaptor mode, remove all items from the tray top and press the TARE button. The spill ring and glass draft shield should be in place without the stainless cover.
 2. After observing a stable ZERO with a stable arrow in the (g) gram mode, press and hold the CAL/MODE until calibration weight value appears on the display.
 3. Gently place the calibration weight provided onto the tray top.
 4. The +sign will disappear. Wait for approximately ten seconds as the unit performs internal calibration. Do not disturb the balance during this time. Avoid vibration and air currents.
 5. When calibration is complete the unit will beep, correct calibration weight will blank for one second then reappear as an active weight value. The balance is now calibrated.
 6. Remove calibration weight and press the tare key to reset the zero point.
- A right-facing arrow appears on the right side of the display indicating the weighing mode in which the unit is operating. This arrow will disappear during weighing while the unit stabilizes, and then reappear when a stable value is reached. The unit initially defaults to gram (g) mode. However, if the mode is changed the balance will default to the last mode used when turned on again. Refer to the Instruction Manual if the unit is in the wrong weighing mode. Pressing the CAL/MODE button briefly changes the mode.
- When an applied load exceeds the unit's capacity, "H" will appear on the display. Remove excessive load immediately. The unit should return to normal operation.
- Use the tare feature to exclude the weight of the ziploc bag from the weight of the mold. The tare feature is designed to allow the user to reset the balance to zero at any time. Tare can also be used to eliminate, from a sample or procedure, the value of a pan liner, scoop, beaker, etc., when the weighed material needs to be held in a container and just the net weight of the material is desired. Place the container on the weighing tray, wait for a stable reading and then press tare. The unit returns to zero and the weight value of

the container is permanently removed from the remainder of the procedure. When all weight is removed from the weighing tray, the tared value of the container will be displayed as a negative number. Press the tare key again to return the balance to zero.

- An auto shut off feature is provided which is operational only while the unit is operated under battery power. The unit will automatically turn off after approximately four minutes if no active weighing takes place. Auto shut off will not occur during operation with AC adaptor.
- Refer to Instruction Manual for further information and error codes.